

ABSTRACT

The invention relates to a method and a device for performing inter-vehicle distance control on a vehicle, an actual value (d_{act}) of a distance variable which describes a distance between the vehicle and a vehicle traveling in front being determined and in which a plurality of weighting values (g_i) for the distance variable are determined as a function of input variables (x_i) which describe the driving situation of the vehicle and/or the ambient situation of the vehicle and/or the driving behavior of the driver, the weighting values (g_i) being combined in a first computing step to form a combined value (f) for the distance variable. From which combined value (f) in turn a set point value (d_{setp}) for the distance variable is determined, braking means and/or driving means of the vehicle being actuated in such a way that the determined actual value (d_{act}) of the distance variable assumes the determined set point value (d_{setp}). The first computing step is followed by a second computing step in which the combined value (f) is restricted to a predefined value range, the set point value (d_{setp}) of the distance variable being determined from the combined value (f) which is restricted if appropriate.

Fig. 1